

SWP Water Quality Summary

June 11 to 18, 2008

Total Dissolved Solids: TDS increased at Banks Pumping Plant (BPP), Check 29, and Vallecitos, but decreased at Check 41, Devil Canyon and Barker Slough. Concentrations ranged from 166 mg/L to 370 mg/L (279 uS/cm to 640 uS/cm) and remained below the Article 19 Monthly Average Objective of 440 mg/L. As of June 18, 2008, the highest concentration of 370 mg/L (640 uS/cm) occurred at Check 29 while the lowest concentration of 166 mg/L (279 uS/cm) occurred at Barker Slough. Concentrations increased this week at BPP from 303 mg/L to 336 mg/L (534 uS/cm to 593 uS/cm), probably due to reduced pumping at BPP and low flows at Vernalis.

Bromide: Concentrations remain above the California Bay Delta Authority (CBDA) Objective of 0.05 mg/L project wide, ranging from 0.09 mg/L to 0.36 mg/L. As of June 18, Barker Slough had the lowest concentration of 0.09 mg/L, followed by Check 41 and Devil Canyon with 0.22 mg/L while the highest concentration of 0.36 mg/L occurred at Check 29. Concentration at BPP increased from 0.26 mg/L to 0.31 mg/L this week.

Turbidity: Turbidity levels decreased from 13 to 10 NTU at BPP, 8 to 5 NTU at Check 41, 108 to 81 NTU at Barker Slough and 18 to 14 NTU at Vallecitos, but increased from 1 to 2 NTU at both Check 29 and Devil Canyon, as of June 18, 2008.

Dissolved Organic Carbon: Concentrations were unchanged at Edmonston from last week's daily mean of 2 mg/L. At Check 13, the concentration was 2.4 mg/L as of June 18, 2008. There is no data for BPP due to a malfunctioning UVA meter.

Taste and Odor Compounds: MIB and geosmin were generally low project wide, ranging from non-detect to 17 ng/L at Clifton Court, BPP, Del Valle Check 7, O'Neill Forebay, Check 41, and Check 66 as of June 16, 2008.

Note:

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientist and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and can be directed to Austine Eke @ 916-653-7227 or Cindy Garcia @ 916-653-7213. To view WQ data from any of the 15 automated stations along the SWP, visit: <http://www.wmq.water.ca.gov> and click the "Autostation Data" link on the left side navigation bar.